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Undercoating compsn. for capacitor - comprises di- or tri-methacrylate monomer, benzoin isopropyl ether and benzoyl peroxide polymerisation initiator

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Patent Details:

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Abstract (Basic): JP 57030769 A

The undercoating agent contains (1) 100 pts.wt. of from die- or triacrylate, or di- or tri-methacrylate monomer, (2) 1 pt. wt. of benzoin-isopropyl ether and (3) 1 part wt. of benzoyl peroxide as polymerisation initiator.

Component (1) includes e.g. ethylene glycol, diacrylate, neopentyl dimethacrylate, trimethylolethane triacrylate. Component (1) having a polymerisation contraction rate of 9-16% is pref.

When capacitor element is soaked in the compsn. and resulting coating is cured under irradiation with UV rays, and thermoset, the capacitor element acquires insulation property-self recovering property and has moisture resistance without impairing the electric properties. The undercoated capacitor is free from pinholes.

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